

**AMENDMENTS TO THE CLAIMS**

Claim 1 (currently amended): A cooling system for a work machine, the cooling system comprising:

- a cooling package ~~comprising~~including a heat exchanger unit and a cooling fan;
- an upper cover disposed above the cooling package;
- a side cover disposed at one side of the upper cover and facing the cooling package;
- upper air intake holes that are formed in the upper cover so as to open to a space between the side cover and the cooling package;
- side air intake holes formed in an upper part of the side cover, at a location adjacent to the upper cover; and
- a sound insulating/flow regulating plate that is capable of: moving between the upper air intake holes and the side air intake holes; ~~and serves to block~~blocking sound generated inside the work machine; and ~~regulating~~regulate flows of air introduced from the upper air intake holes and the side air intake holes.

Claim 2 (currently amended): ~~The~~A cooling system for a work machine as claimed in claim 1, wherein:

- the cooling system ~~further comprises~~includes a swing shaft means disposed between the upper air intake holes and the side air intake holes; and
- the sound insulating/flow regulating plate is swingably supported by the swing shaft means.

Claim 3 (currently amended): ~~The~~A cooling system for a work machine as claimed in claim 1 ~~or claim 2~~, wherein the cooling system ~~further comprises~~includes:

- hinges for attaching a base edge of the sound insulating/flow regulating plate to an underside of the upper cover; and
- a locking means for securing a distal edge of the sound insulating/flow regulating plate to the underside of the upper cover when the sound insulating/flow regulating plate is in a folded state.

Claim 4 (currently amended): ~~The~~A cooling system for a work machine as claimed in ~~any one of the claims from claim 1 to claim 3~~, wherein:

the cooling system ~~further comprises~~includes a plurality of sound insulating/flow regulating plates.

Claim 5 (currently amended): ~~The~~A cooling system for a work machine as claimed in claim ~~1 or claim 2~~, wherein:

the side cover is a side door that can be opened outwards and back; and  
the sound insulating/flow regulating plate is attached to the side door.

Claim 6 (currently amended): ~~The~~A cooling system for a work machine as claimed in ~~any one of the claims from claim 1 to claim 5~~, wherein the cooling system ~~further comprises~~includes:

an actuator for operating the sound insulating/flow regulating plate;  
temperature sensors for detecting temperature data of the cooling package; and  
a control means for controlling an angle of the sound insulating/flow regulating plate by controlling the actuator based on temperature data from the temperature sensors.

Claim 7 (currently amended): ~~The~~A cooling system for a work machine as claimed in ~~any one of the claims from claim 1 to claim 6~~, wherein:

the heat exchanger unit of the cooling package comprises a plurality of devices selected from ~~the group consisting of~~among a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plate is adapted so that a position of the sound insulating/flow regulating plate is adjustable to accommodate a combination structure of the selected devices and the cooling fan.

Claim 8 (new): The cooling system for a work machine as claimed in claim 2, wherein the cooling system further comprises:

hinges for attaching a base edge of the sound insulating/flow regulating plate to an underside of the upper cover; and

a locking means for securing a distal edge of the sound insulating/flow regulating plate to the underside of the upper cover when the sound insulating/flow regulating plate is in a folded state.

Claim 9 (new): The cooling system for a work machine as claimed in claim 2, wherein:  
the cooling system further comprises a plurality of sound insulating/flow regulating plates.

Claim 10 (new): The cooling system for a work machine as claimed in claim 3, wherein:  
the cooling system further comprises a plurality of sound insulating/flow regulating plates.

Claim 11 (new): The cooling system for a work machine as claimed in claim 2, wherein:  
the side cover is a side door that can be opened outwards and back; and  
the sound insulating/flow regulating plate is attached to the side door.

Claim 12 (new): The cooling system for a work machine as claimed in claim 2, wherein the cooling system further comprises:

an actuator for operating the sound insulating/flow regulating plate;

temperature sensors for detecting temperatures of the cooling package; and

a control means for controlling an angle of the sound insulating/flow regulating plate by controlling the actuator based on temperature data from the temperature sensors.

Claim 13 (new): The cooling system for a work machine as claimed in claim 3, wherein the cooling system further comprises:

an actuator for operating the sound insulating/flow regulating plate;

temperature sensors for detecting temperatures of the cooling package; and

a control means for controlling an angle of the sound insulating/flow regulating plate by controlling the actuator based on temperature data from the temperature sensors.

Claim 14 (new): The cooling system for a work machine as claimed in claim 4, wherein the cooling system further comprises:

- an actuator for operating the sound insulating/flow regulating plates;
- temperature sensors for detecting temperatures of the cooling package; and
- a control means for controlling angles of the sound insulating/flow regulating plates by controlling the actuator based on temperature data from the temperature sensors.

Claim 15 (new): The cooling system for a work machine as claimed in claim 5, wherein the cooling system further comprises:

- an actuator for operating the sound insulating/flow regulating plate;
- temperature sensors for detecting temperatures of the cooling package; and
- a control means for controlling an angle of the sound insulating/flow regulating plate by controlling the actuator based on temperature data from the temperature sensors.

Claim 16 (new): The cooling system for a work machine as claimed in claim 2, wherein:  
the heat exchanger unit of the cooling package comprises a plurality of devices selected from the group consisting of a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plate is adapted so that a position of the sound insulating/flow regulating plate is adjustable to accommodate a combination structure of the selected devices and the cooling fan.

Claim 17 (new): The cooling system for a work machine as claimed in claim 3, wherein:

the heat exchanger unit of the cooling package comprises a plurality of devices selected from the group consisting of a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plate is adapted so that a position of the sound insulating/flow regulating plate is adjustable to accommodate a combination structure of the selected devices and the cooling fan.

Claim 18 (new): The cooling system for a work machine as claimed in claim 4, wherein:

the heat exchanger unit of the cooling package comprises a plurality of devices selected from the group consisting of a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plates are adapted so that positions of the sound insulating/flow regulating plates are adjustable to accommodate a combination structure of the selected devices and the cooling fan.

Claim 19 (new): The cooling system for a work machine as claimed in claim 5, wherein:

the heat exchanger unit of the cooling package comprises a plurality of devices selected from the group consisting of a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plate is adapted so that a position of the sound insulating/flow regulating plate is adjustable to accommodate a combination structure of the selected devices and the cooling fan.

Claim 20 (new): The cooling system for a work machine as claimed in claim 6, wherein:

the heat exchanger unit of the cooling package comprises a plurality of devices selected from the group consisting of a heat exchanger of a radiator serving to cool cooling water for an engine, a heat exchanger of an oil cooler serving to cool hydraulic fluid in a hydraulic circuit, a condenser of an air conditioner circuit, and a heat exchanger of an aftercooler serving to cool engine intake air compressed by a turbo supercharger; and

the sound insulating/flow regulating plate is adapted so that a position of the sound insulating/flow regulating plate is adjustable to accommodate a combination structure of the selected devices and the cooling fan.